

AMENDMENTS TO THE SPECIFICATION

Please replace the second paragraph on page 7 with the following amended paragraph:

The use of the bleaching agent in accordance with the invention leads to a very good bleaching response, in other words to a very high bleaching effect. This can be utilized in several ways. For instance, only a minimum amount of bleaching agent need be added to achieve a given brightness. This results in low bleaching costs which, in turn, contribute towards keeping down the total pulp manufacturing costs. It also means that a given bleaching agent charge will result in a pulp of greater brightness than when employing conventional technology. A comparatively very high pulp brightness than when employing conventional technology. A comparative very high pulp brightness is achieved with a high ~~bleaching~~ bleaching agent charge, which can be desired in respect of the manufacture of certain types of paper. By further bleaching the pulp that has been manufactured in accordance with the invention, for instance with an oxidizing bleaching agent, it can be possible to manufacture a mechanical pulp that has a surprisingly high final brightness.

Please replace the third paragraph on page 7 with the following amended paragraph:

Figure 1 of the accompanying drawing is a flow sheet showing the manufacture of the bleached ~~thermomechanical~~ thermomechanical pulp.

Please replace the third paragraph on page 13 with the following amended paragraph:

Barked spruce wood of Scandinavian origin was chopped into chips, screened, steamed and washed and then passed to the preheater 2 through the conduit 1. A steam pressure of 50 kPa prevailed in the preheater. The wood chips were then passed from the preheater 2 to a first refiner 6 via the cyclone 4, i.e. the steam separator. The complexing agent EDTA was delivered to the chips in the cyclone 4 in an amount (charge) corresponding to 0.4 kg per tonne of dry wood. The chemical was added in aqueous solution containing 400 g/l, and the solution was added at a flow rate corresponding to the aforesaid charge.